SOURCE CODE: UR/0362/66/002/006/0630/0635 ACC NRI AP6022221 AUTHOR: Belyayev, V. I.; Vyal'tsev, V. V.; Pavlova, I. S. ORG: Marine Hydrophylsics Institute (Morskoy gidrofizicheskiy institut) TITLE: An experiment of weather modification by seeding of fog with dry ice SOURCE: AN SSSR. Izvestiya. Fizika atmosfery 1 okeana, v. 2, no. 6, 1966, 630-635 TOPIC TAGS: weather modification, fog, atmospheric temperature gradient ABSTRACT: The weather modification by fog seeding from an aeroplane on Jan 12 1961 in the district of Nal'chik is described and analyzed. The city, district, and the northern Caucasus were surrounded by uniform meteorologic conditions and the fog was defined as a type lasting usually to the afternoon and sometimes for several days. The wind direction and velocity were defined by circular seeding. Clearing over city and airport were achieved by seeding in and against the wind direction, and the resulting clearing was supported by additional approaches from the wind-exposed direction. Temperatures at ground level increased during the experiment from -4.6 C at 8.35 a.m. to 3 C at 1 p.m. The contribution of the seeding experiment to the atmospheric radiation balance and temperature increase was analyzed. The heat AQ, entering the lower atmosphere due to the clearing, was estimated as 5.3.1013 cal. 551,509,615 UDC:

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USSR/General and Special Zoology - Insects.

P.

Abs Jour : Ref

: Ref Zhur - Biol., No 7, 1958, 30596

Author

Vyal'tseva, T.V.

Inst

Title

Introduction of Hexachloran into the Soil -- an Economical

Method of Controlling the Phytonomus.

Orig Pub

: Zashchita rast. ot vredit. i bolezney, 1957, No 1, 18-19.

Abstract

: A mixture of 40 kg HCCH with 300 kg of superphosphate (S) per one hectare was administered in one field with a fertilizer sowing machine. Another field (also of three - year lucerne equally infected with phytonomus) was dusted with HCCH, while S was administered separately. In six weeks 13% plants were infected with insects on the first field and the larvae per stem were 0.14% on the average; on the second field the infected plants were 73.4% of all the plants and there were 0.93% larvae per stem. The average height of the stems on the first field was 61.4 sm

Card 1/2

USSR/General and Special Zoology - Insects.

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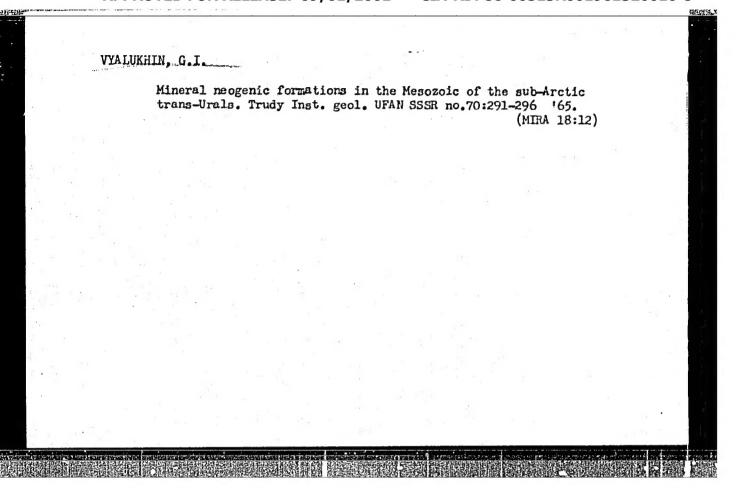
Abs Jour : Ref Zhur - Biol., No 7, 1958, 30596

and the weight of the stems was 715 g; on the second field the average height was 47.6 sm and the weight of the stems was 431 g. In general, the economy (in labor and material) resulting from the simultaneous introduction into the soil of HCCH and S was 37 rubles / one g.

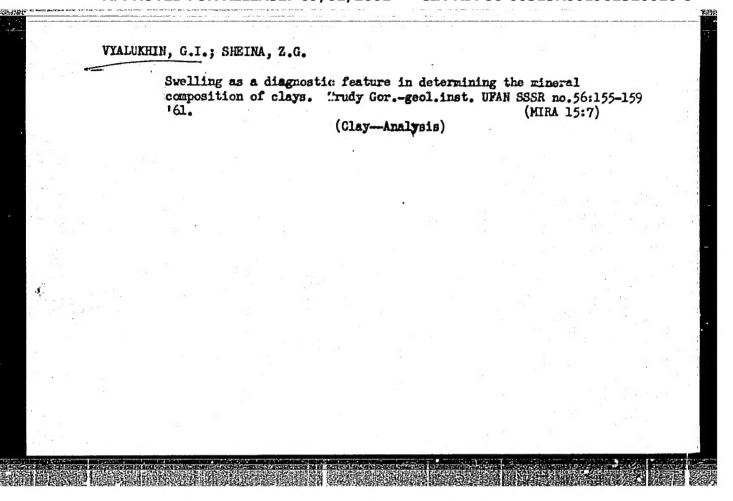
Card 2/2

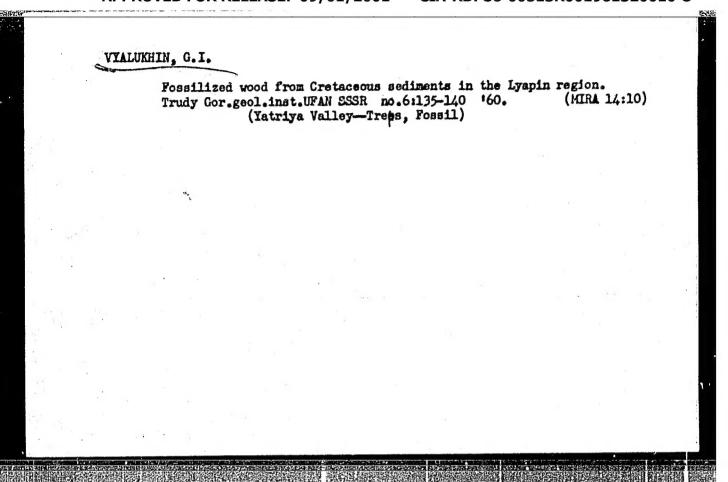
- 25 -

## Concretions in Jurassic and lower Cretaceous sediments of the Northern Sosva Basin, their facies, and correlative value. Trudy Gor.-geol. inst. UFAN SSSR no. 32:121-134 '59. (MIRA 14:5) (Northern Sosva Valley-Geology, Stratigraphic)



# VYALURHIN, G.I. Effect of tectonics on the nature of Mesozoic sedimentation in the subarctic Ural Mountain region in connection with the estimation of prospects for finding oil, gas, and coal. Trudy Inst. geol. UPAN SSSR no.63:141-160 '62. (MIRA 16:12)





YTALUXHIN, P.M.; GUBEVICH, L.R.; ZIR'KOVA, Z.M.; EXSELEY, V.S.

Efficient diagram of grinding and classification of microsaction powders. Stek.i her. 14 no.7:23-25 Jl \*57. (First 10:3)

1. Hoskovskiy stekel nyy mayod. (Olama manufacture-Equipment and supplies)

IxALUKHIN, P. N. USSR/Miscellaneous - Machine shop practices Pub. 103 - 24/29 Card Andrianov, V. P.; Vyalukhin, P. N.; and Ippolitov, G. N. Authors **国际投资区的公司**中国的公司 Consultation. Elutriation of micro-powders Title Stan. i instr. 9, page 38, Sep 1954 Periodical Question and answers on how to organize the elutriation of micro-powders under workshop conditions are presented. Table; drawing. Abstract Institution Submitted

VYALUKHIN, P.N.; IPPOLITOV, G.M.

Consultation, Stan. i instr. 25 no.9:38 \$ '54. (MLRA 7:11)

(Grinding and polishing)

S/258/62/002/004/014/019 E081/E135

AUTHORS: Zhukov, A.M., and Vyalukhina, S.D. (Moscow)

TITLE: Mechanical properties of a glass plastic at room

temperature

PERIODICAL: Inzhenernyy zhurnal, v.2, no.4, 1962, 330-336

TEXT: Some results are available on the behaviour of these plastics in bending, but not in pure compression-tension. The present experiments were carried out on the glass plastic CTPP-1-30 (STER-1-30), made from satin and epoxy-phenol resin. Values are reported for the basic strength characteristics in tension: Young's modulus, Poisson's ratio, proportional limit, ultimate strength, and extension at break. The methods of preparing and testing the specimens are described, and stress-strain curves are given for specimens of various orientations. The variability of the different strength properties is tabulated. The theoretical change of properties with orientation is calculated on the assumption that the material is orthotropic, and reasonable agreement is obtained between calculated and measured values. Strain-time curves are reproduced for specimens of Card 1/2

Mechanical properties of a glass ... S/258/62/002/004/014/019 E081/E135

different orientations, and the creep curves fitted by an equation of the form  $\frac{1}{2} \frac{1}{2} \frac{1}{$ 

where  $\varepsilon$  is the creep strain, t is time, and B and k are constants. Values of k for different orientations vary between 0.3 and 0.36. The recovery curves are also given and fitted by an equation of the form

 $\varepsilon = \varepsilon_0(1 + \lambda t^p)$ 

Mean values of  $\lambda$  and p are 0.13 and 0.15 respectively. There are 9 figures and 2 tables.

ASSOCIATION: Institut mekhaniki AN SSSR (Institute of Mechanics, AS USSR)

SUBMITTED: December 23, 1961

Card 2/2

KOROTOV, S.Ya.: LIVEROVSKIY, A.A.; KIPRIANOV, A.I.; VYAL'YAK, K.E.

Distillation of pyrogenic wood tar in tubular furnaces.
Gidroliz. i lesokhim. prom. 14 no.8:7-8 '61. (MIRA 16:11)

1. Leningradskaya lesotekhnicheskaya akademiya im S.M. Kirova (for Korotov, Liverovskiy, Kiprianov). 2.Slantsepererabaty-vayushohiy kombinat im. V.I.Lenina (for Vyal'yak).

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100 m	L 31.050-66 EWT(m)/EWP(t)/ETI LIP(e) JD ACC NR: AR5028230 SOURCE CODE: UR/0272/65/000/008/0135/0135
	AUTHOR: Vyal'yamyae, G.; Kukk, V.; Rekhepapp, Yu.; Khaak, Kh.; & Kheynrikhsen, V.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TITLE: Some problems in the preparation and study of a mercury selenide Hall film transmitter
	SOURCE: Ref. zh. Metrologiya i izmeritel'naya tekhnika, Abs. 8.32.938
19 E. J.	REF SOURCE: Tr. Tallinsk, politekhn. in-ta, v. A., no. 213, 1964,
	TOPIC TAGS: Hall effect, metal film, mercury zameniam, zinc plating,
がた。 一定の一次を対象を変数	ABSTRACT: Experimental samples of mercury selenide Hall film trans- mitters were prepared by the vacuum process method without interrup- tion of the vacuum during the operation. The study showed that it is advisable to make the contacts of zinc. The stability of the trans- mitters with zinc contacts is higher than with contacts made of silver paste. Moreover, the contacts were not previously (before the paste was applied) exposed to air. A table giving the basic parameters of HgSe transmitters and their various characteristics is also included.
	SUB CODE: 2009 22 / SUBM DATE: none
	Card 1/1 pla UDC 389:621.317.71621.382.61

### "APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961320010-8

AT/W IJP(c) SOURCE CODE: UR/2007/65/000/220/0049/0053 NR: AT6019252 AUTHOR: Vyallyamyae, G.; Kheymrikheen, V. ORG! nor. TITLE: Investigation of a Hall generator whose area is partly penetrated by magnetic flux SOURCE: Tallin, Politekhnicheskiy institut. Trudy, Seriya A, no. 220; 1965. Trudy po elektrotekhnike i avtomatike (Works on electrical engineering and automation) Sbornik stater, no. 3, 49-53 TOPIC TRUST Hall generator, Hall effect ABSTRACT: The results are briefly reported of an experimental investigation of a partly penetrated by a concentrated HgSe-film Hall generator whose area was magnetic flux. A large-area Hall plate was placed between a changeable-pole-piece electromagnet; the plate could be moved along both coordinate axes. A very high sensitivity of the generator in the area between the Hall-voltage electrodes was discovered. This sensitivity did not change when the Hali-voltage and controlcurrent electrodes were exchanged. Curves of the Hell voltage vs: magnetic-flux: current electrodes were exchanged. Out vos of the position and its width are shown, as is a pattern of equipotential lines between [03] the electrodes. Orig. art. has: 5 figures and 1 formula. SUB CODE: 09 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 003/ ATD PRESS: UDG: 621.362

S/194/61/000/010/002/082 D256/D301

9.4370

CHICANTEL CONTROL CONT

Vyal'yamyae, G.Kh.

TITLE:

AUTHOR:

A possibility of applying the Hall-effect for continuous permeameter measurements of magnetic proper-

ties of magnetically weak materials

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika, no. 10, 1961, 6, abstract 10 A46 (Trudy Tallinsk.

politekhn. in-ta, 1960, A, no. 180, 20)

Two basic arrangements of the instrument are propos-The permeameter can also be utilized in electronic-modelling TEXT: arrangements as functional converter for obtaining hysteresis chared. acteristics of ferromagnetic materials. Expressions are given for determining by means of the Hall-effect magnetic inductions and the strengths of magnetic fields. [ Abstracter's note: Complete translation\_/

Card 1/1

### VYAL'YAMYAE, G. Kh.

Cand Tech Sci - (diss) "Application of the Hall effect for measurement of magnetic properties of ferromagnetic /magnitowyagkiye/materials in the permeameter." Leningrad, 1961. 12 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Leningrad Electrical Engineering Inst imeni V. I. Ul'yanov-Lenin); 200 copies; price not given; bibliography at end of text; (KL, 5-61 sup, 188)

VYAL TACTS, KI. TA.

VYALIMATS, KH. YA.- "Long Life of the Cultivated Pastures in the Estonian SUR and the Factors Contributing to it." Acad Sci Estonian SSR, Division of Biological, Agricultural, and Medical Sciences, Tartu, 1955 (Dissertations for Degree of Candidate of Agricultural Sciences)

SO: Knizhnaya Letopis! No. 26, June 1955, Mescow

VYAL'YAOTS, O. [Valjaots, O.]; ASINOVSKIY, M.

Issuring credit to nonserial machinery manufacturing enterprises.

Den.1 kred. 19 no.6:53-55 Je 161. (MIRA 14:5)

l. Nachal'nik finansovogo otdela Estonskogo sovnarkhoza (for Vyal'yaots). 2. Nachal'nik finansovogo otdela Izhorskogo mashinostroitel'-nogo zavoda im. A.Zhdanova (for Asinovskiy).

(Machinery industry--Finance)

MERKULOV, N. (g.Gor'kiy); RYS', A.; VYAL'YATAGA, Yu. [Valjataga, J.]
(Tallin); FROLOV, V.; SAFONOV, V.; KOLESNIK, V.; KALININ, V.;
ROGOV, A. (g.Gorodets Gor'kovskoy obl.); VOINOV, B. (g.Salekhard)

From the editors' mail. Sots.trud 7 no.7:141-144 J1 '62.

(MHA 15:8)

1. Glavnyy inzh. normativno-issledovatel'skoy laboratorii Glavnogo

1. Glavnyy inzh. normativno-issledovatel'skoy laboratorii Glavnogo upravleniya mestnoy promyshlennosti pri Sovete Ministrov Belorusskoy SSR (for Rys!). 2. Yuriskonsul't yuridicheskoy konsul'tatsii Ivanovskogo oblastnogo soveta professional'nykh soyuzcv (for Frolov). 3. Zamostitel' nachal'nika otdela truda zavods.
"Krasnoye Sormovo" (for Safonov). 4. Nachal'nik otdela truda Gosudarstvennogo tresta po vyrashchivaniyu sakharnoy svekly Krasnodarskogo sovnarkhoza (for Kolesnik). 5. Nachal'nik otdela truda i zarabotnoy platy tresta "Astrakhanpromstroy" (for Kalinin).

(Steel industry-Quality control) (Production standards--Research) (Wages)

VYALYKH, M.F.; SEVERIN, S.Ye.

Labile phosphorus compounds in the cardiac muscle of a rabbit affected with aortic stenosis. Dokl. AN SSSR 136 no.2:483-486 161.

(MIRA 14:1)

1. Institut farmakologii i khimioterapii Akademii meditsinskikh nauk SSSR. 2. Chlen-korrespondent AN SSSR (for Severin).

(HEART-MUSCLE) (GREATINEPHOSPHORIC ACID)

(ACRTA-DISEASES)

MEDELYANOVSKIY, A.N.; VYALYKH, M.F.; BOGDANOVA, Ye.V.; FROLOV, V.A.; KISELEV, O.I.

Data from a selective study of the chemical composition of the heart of homoiotherms during systole and diastole. Vop. med. khim. 9 no.5:518-521 S-0 163. (MIRA 17:1)

1. Laboratoriya biokhimii Instituta farmakologii AMN SSSR i kafedra patofiziologii I Moskovskogo crdena Lenina meditsinskogo instituta, Moskva.

### VYALYKH, M.F.

Oxygen absorption and phosphorylation in heart tissue homogenates in experimental acrtic stenosis in the rabbit. Vop. med. khim. 7 no.6:625-628 N-D '61. (MIRA 15:3)

1. Laboratory of Biochemistry, Institute of Pharmacology and Chemotherapy, Academy of Medical Sciences of the U.S.S.R. and Chair of Animal Biochemistry of the Moscow State University.

(HEART—MUSCIE)

(PhOSPHORYLATION)

(AORTA-DISEASES) (OXYGEN IN THE BODY)

VYALYKH, M.F.; LUTSENKO, N.G.

Acetone bodies in themyocardium in aortic stenosis in rabbits. Vop. med. khim. 7 no.2:186-190 Mr-Ap 'dt. (MIPA 14:6)

l. Laboratory of Biochemistry of the Institute of Pharmacology and Chemotherapeutics; Academy of Medical Sciences of the U.S.S.R., and the Chair of Biochemistry of the Soil and Biology Faculty of Moscow State University.

(ACETONE BODIES) (HEART—MUSCLE)

(AORTA—DISEASES)

### VYALYKH, M.F.; MEYERSON, F.Z.

Metabolic processes in the syccardium in experimental cardiac defect. Vop.med.khim. 6 no.1:19-24 Ja-F 160. (MIRA 13:5)

1. Chair of Clinical and Experimental Physiology of the Central Institute of Postgraduate Medical Training and Chair of Animal Biochemistry of the Moscow State University.

(MYCCARDIUM metab.)

(HEART FAILURE CONGESTIVE metab.)

### "APPROVED FOR RELEASE: 09/01/2001

### CIA-RDP86-00513R001961320010-8

VYALYKH, PAVEL NIKOLAYEVICH

EPP .R93320

MOY OPYT RABOTY NA VYSOKOCHASTOTNOY USTANOVKE MY EXPERIENCE IN HIGH FREQUENCY INSTALLATIONS LENINGRAD, LENIZDAT, 1957.

53 P. ILLUS., DIAGRS., TABLES (NOVAT ORY LENINGRADSKOY PROMYSHLEN-NOSTI)

ON COVER: TERMIST-VYSOKOCHASTOTNIK.

VYALYKH, Pavel Nikolayevich; CHERVOVA, M.S., redaktor; LEVONEVSKAYA, L.G., tekhnicheskiy redactor.

[My work with high-frequency apparatus] Moi opyt raboty na vysokochastotnoi ustanovke. [Leningrad] Lenizdat, 1956. 53 p. (Mctals--Heat treatment) (MLRA 10:4)

VYALYKH, V. A.

Vyalykh, V. A. "On teaching a course in 'Machine details' and lifting-conveying' machines (A discussion based on M. S. Komerov's article "Some problems on the method of teaching a course in Machine Details' in the journal 'Vestnik vyssh. shkoly', 1948, No. 6)."
Vestnik vyssh. shkoly, 1948, No. 12, p. 26-28

SO: U-3264, 10 April 1953, (Letopis 'Zhurnel 'nykh Statey, No. 3, 1949)

## SIMAGINA, V.A., professor; YYALYKH, V.I.

Experience in dispensary treatment of agricultural workers in Chkalov Province. Sov. med. 18 no.11:35-38 M 1544 (MIRA 7:12)

1. Iz kafedry obshchey terapii (zav. prof. V.A.Simagina) Chkalovskogo med. instituta i Chkalovskoy klinicheskoy bolinitsy (glav. vrach V.I.Vyalykh) (CLINICS

in Russia, dispensaries for agricultural workers)
(OUTPATIENTS, SERVICE
in Russia agricultural workers)

Prince and an article	L 30992-66 EWT(m)/EWP(J) RM  ACC NR: AP6002510 (A) SOURCE CODE: UR/0286/65/0	000/023/0017/0018
	AUTHORS: Shostakovskiy, M. F.; Atavin, A. S.; Vyalykh, Ye. P.; Tro	ofimov, B. A. 42
	ORG: none 7,4% S	15 88 12, <u>No. 17658</u> 2
	SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, TOPIC TAGS: organotin compound, organometallic compound, glycol,	4
A STAR COMMENT	ABSTRACT: This Author Certificate presents a preparative method forganotin vinyl glycol esters by interacting the scdium derivative containing vinyl esters with alkyltin chlorides.	or obtaining
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SHOSTAKOVSKIY, M.F.; ATAVIN, A.S.; TROFIMOV, B.A.; VYALYKH, Ye.F.

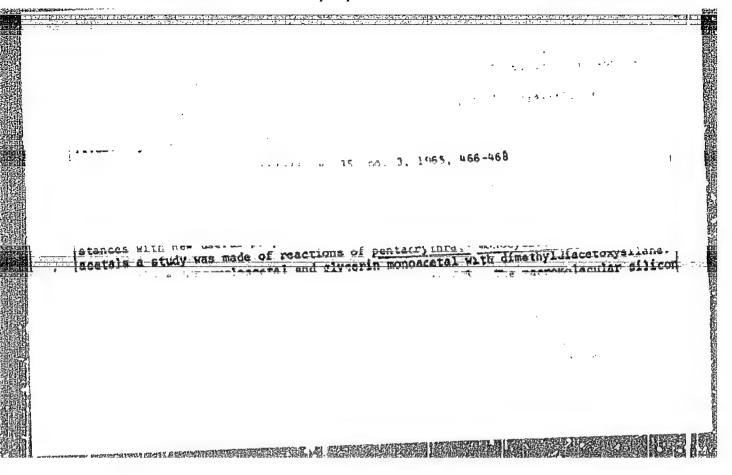
Synthesis of silicon containing cyclic acetals. Zhur. ob. khim. 35 no.3:466-468 Mr \*65. (MIRA 18:4)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya AN SSSR.

SHOSTAKOVSKIY, M.F.; ATAVIN, A.S.; TROFIMOV, B.A.; VYALYEH, Ye.P.

Some conversions of alkoxysilanes and alkoxyscetoxysilanes containing acetal rings. Zhur. ob. khim. 35 no.10:1759-1763 (MIRA 18:10) 0 165.

l. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya AN SSSR.



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ANISHCHENKO, A. K., KOTEL'NIKOV, A. A. and VYALYSHEVA, T. I. (Belorussian Scientific Research Veterinary Institute)

"Evaluation of mineral insufficiency in hens"

Veterinariya, vol. 39, no. 4, April 1962 p. 68

ANISHCHENEO, A.K.; KOTELIBIKOV, A.S.; VYALYSHEVA, T.I.

E mination of mineral infinitury in poultry. Veterirarila 39 (MEA 17:10) no.A:68-70 A; \*\*\*

1. Belorusskiy nauchno-jusledowstel\*skiy votorinarmyy institut.

BILAY, V.I.; ZARRVICH, V.Yu.; V'YAN, G.A.

Development of fungi in the cotton plant rhizosphere. Mikrobiol. shur. 16 no.4:12-18 \*54. (MIRA 10:1)

1. 2 Institutu mikrobiologii Akademii nauk URSR. (COTTON) (FUNGI) (RHIZOPHERE MIGROBIOLOGY)

VANNER, K.I., Cond Fed Coi-(diec) "Presenture interruption of property and its treatment." Simferopol', 1958. 15 pp (Crimer: State Wed Inst im Stelin), 200 copies (H, 31-53, 106)

VYaNKIN, K. I., Cand. Med. Sci., — (diss) "Complex therapy of impending spontaneous disturbance of pregnancy," Krasnodar, 1961, 12 pp, (Kuban State Medical Institute im. Red Army), 200 copies (KL-Supp 9-61, 189)

VYAHZHIKOV, N. F.

H. T. GUDTSOV N. F. VYANZHIKOV and M. I PEISIKHIS C. A. Vol. 34 2759-4

"Repid ennecling of steel strip to obtain granular perfilted H. T. Guitsov, N. F. Vyenznikov and N. I. Peisikhis. Estallurg 14, No. 4-5, 63-75 (1939).

Steel contg. C 1.04, Mn 0.25, Si 0.37, S 0.017 and P 0.010, Mns hot-rolled to 2 55 mm. and then cold-rolled to 1.5 55 mm. Specimens were then appealed by various methods to a granular partitle structure to dat. the most rapid method of annular for subsequent cold rolling. The best procedure was to be to to 700 for 5 min., than for to Ph both at 500° for 20 sec. and sepheriodize at 700° for 60 min. This give a tonaile strength of 65 kg. per so. manifered an elongation of 20%. Steel contg. C 0.67, Mn 0.65, Si 1.45, S 0.016, M.0.007 and Gr 0.37% was best annulaed by heating at 270° for 15 min., transfering to 17 both at 500° for 2 min. and spheroidizing at 710° for CO min. This give a tensile strength of 77 kg. per sq. min. and an elongation of 17%.

RABCHUK, P. (Lyubimskiy rayon, Yaroslavskaya oblast'); VYAPIN, V.;
VERESHENOV, N., instruktor profilaktiki (Nizhmiy Tagil)

Readers letters. Fozh. delo 7 no. 2:31 F \*61. (MRA 14:2)

1. Kursant Leningradskogo pozharno-tokhnicheskogo uchilishcha (for Lyapin).

(Fire prevention)

L 20972-66 EWP(e)/EWT(m)/EWP(t) IJP(c) JD/WH ACCESSION NR: AP5017348 UR/0161/65/007/007/2266/2268 AUTHOR: Vyapolin. A. A.; Osmanov, E. O.; Rud', Yu. V. 18 TITIE: Diamond-like semiconductors in the vitreous state 15 SOURCE: Fizika tverdogo tela, v. 7, no. 7, 1965, 2266-2268 TOPIC TAGS: electric conductivity, temperature dependence, activation energy, forbidden zone width, glass product, semiconductor ABSTRACT: In view of the fact that an early investigation (DAN SSSR v. 160, 633, 1965) has shown unexpectedly that some ternary semiconductors components of the AIBIVC2V type (CdGeAs2 and CdGeP2) are produced in the vitreous state, the authors investigated further the glassy structure of CdGeAs217 In the crystalline state this compound is highly homogeneous and has the structure of chalcopyrite. The radial distribution of the electron density was calculated from x-ray structure measurements and compared with that for the atoms in the crystal within the first and second coordination spheres. The results show that the short-range order in the glass is similar to that in the crystal structure. The vitreous CdGeAss has p-type conductivity with an electric resistivity 10-6 ohm-1 cm tat room temperature. Unlike previously investigated semiconductor glasses, this substance does not have a region of intrinsic conductivity in the 80 -- 670K interval. In the Card 1/2

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ACCESSION NR: AP5017348

80--200K range the conductivity remains practically constant, but above 200K it increases exponentially. The width of the forbidden band is approximately the same as for the crystalline sample, ~0.6 ev at 295K. It is concluded that only impurity conductivity obtains in the samples up to 670K, and that the activation energy of the impurity level is ~0.55 ev. "The authors thank T. N. Mamontova and G. I. Stepanov for determining the width of the forbidden band." Orig. art. has:

ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe AN SSSR, Leningrad (Physicotechnical Institute AN SSSR)

SUBMITTED: 03Feb65

ENCL: 00

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OTHER:

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Card 2/2 1195

#### VYARSHKNYA, S.F.

Mffect of cultivation on the yield and quality of potatoes planted in checkrowed hills. Vestsi AN BSSR. Ser.biial.nav. no.1:60-69 (MIRA 13:6)

- 1. VYASBERG, G. Ye.
- 2. USSR (600)
- 4. Antibiotics
- 7. Combined action of antibiotics of microbes, Antibiotiki 5, No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

NIGMATULLIN, R.Sh.; VYASELEV, M.R.

Oscillographic polarcgraphy with the use of stepwise voltage. Zhur. anal. khim. 19 no.5:545-552 '64. (MIRA 17:8)

1. Kazanskiy aviatsionnyy institut.

NIGHATULLIU, R.Sh.; VYASELEV, M.R.; SHATUNOV, V.S.

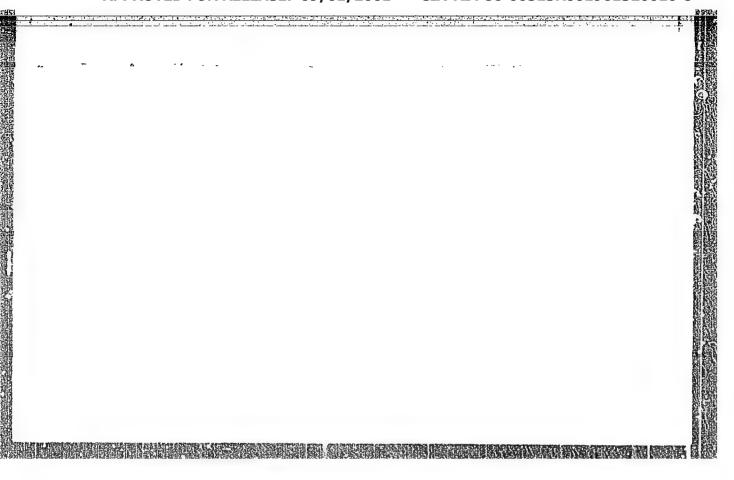
IDM-2 apparatus for the measurement of dipole moments. Zav.lab. 30 no.4:506-501 '64. (MIRA 17:4)

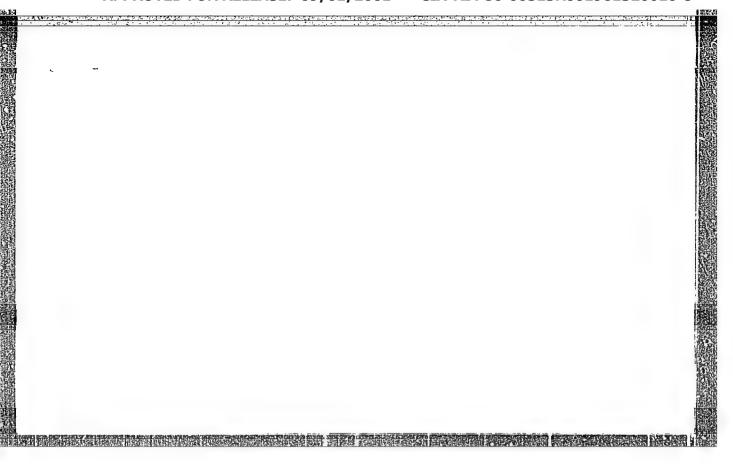
1. Kazanskiy aviatsionnyy institut.

VYASELEV, M.R.; BUDNIKOV, G.K.; KITAYEV, Yu.P.

Possibility of determining microquantities of organic compounds during their adsorption by using an oscillographic method with stepped polarization voltage. Dokl. AN SSSR 162 no.2:331-334 My '65. (MIRA 18:5)

1. Kazanskiy aviatsionnyy institut. Submitted October 8, 1964.





MIROSHNIKOV, A.I.; VYASSLEV, M.R.; BELATIN, V.A.

Oncillographic equipment for recording characteristics of electrochemical converters. Trudy KAI no. 82:27-33 '64. (MIRA 18:9)

# VYASELEV, M.R.

Oscillographic polarography with a stepwise polarizing voltage. Report No. 2. Zhur. anal. khim. 20 no.10:1048-1053 165. (MIRA 18:11)

1. Kazanskiy aviatsionnyy institut.

ACCESSION NR: AP4033621

TRACETOR BAYER OF SEC.

5/0032/64/030/004/0500/0501

AUTHORS: Nigmatullin, R. Sh.; Vyaselev, M. R.; Shatunov, V. S.

TITLE: A device for dipole moment measurements IDM-2

SOURCE: Zavodskaya laboratoriya, v. 30, no. 4, 1964, 500-501

TOPIC TAGS: dipole moment, dielectric constant, measuring device IDM 2, beat frequency method, dimethylformamide, chlorobenzene, phenylhydrazone acetaldehyde

ABSTRACT: An IDM-2 device for determining the dipole moment of molecules is described. The dielectric constant of a dilute solution in a nonpolar solvent is measured in a specially constructed capacitor which consists of two concentric glass cylinders between which the investigated solution is poured. The capacitor plates are ordinary foil wrapped around the outside of the larger cylinder and the inside of the smaller. Hence the special capacitor  $C_s$  is a series combination of two capacitors: one formed by the glass cylinders  $C_c$  and the other by the filled gap  $C_p = \{C_o\}$ , where  $C_o$  is the capacitance of the empty gap. The special capacitor is placed in parallel with a precision variable capacitor. The resultant capaci-

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# ACCESSION NR: AP4033621

tance controls the output frequency  $f_1$  of a signal generator. The frequency  $f_1$  is mixed with a constant frequency  $f_0$  stabilized by a quartz resonator, which produces a heat frequency f1 - f0. The variable capacitor is adjusted until the heat frequency is zero. If the capacitance of the special capacitor Csl with a known control solution and  $C_{\rm sx}$  with the investigated solution, the difference of the two is the same as the difference  $\Delta C$  required in the variable capacitor to produce zero beat frequency for the two cases. Then the dielectric constant of the investigated solution is given by

$$e_x = \frac{C_c (C_{S1} + \Delta C)}{C_0 [C_c - (C_{S1} + \Delta C)]} \cdot i$$

The temperature of the special capacitor is thermostatically controlled. Thus the temperature dependence of the dielectric constant can be determined, an example of which is given for dimethylformamide. The dielectric constant can be measured to 0.05% accuracy for E = 1 - 3 and 0.5% for E up to 100. The dipole moment can be computed by the Debye formula for dilute solutions or by the Onsager formula for pure liquids. As an example, the dipole moments of chlorobenzene and phenylhydra-

ACCESSION NR: AP4033621

zone acetaldehyde (measured in benzene solutions at 250) were found to be 1.59 and 2.52 respectively. Orig. art. has: 2 equations, 1 diagram, and 2 tables.

ASSOCIATION: Kazanskiy aviatsionny\*y institut (Kazan Aviation Institute)

SUBMITTED: . 00

DATE ACQ: 28Apr64

ENCL: 00

SUB CODE: NP

NO REF SOV: OOL

OTHER: 002

Card 3/3

## "APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961320010-8

VYECHEV, H.K.

The of policiving volting in polarography consisting at \$11.45 of exponential form. Yav. lab. 31 no.1:21-25 16.5.

1. Hazanskiy aviatsionnyy institut.

L 14690-66 EWT(m)/T ACC NR: AP6005877

SOURCE CODE: UR/0075/65/020/010/1048/1053

32

AUTHOR: Vyaselev, M. R.

ORG: Kazan Aviation Institute (Kazanskiy aviatsionnyy institut)

TITLE: Oscillographic polarography with the use of step voltage

SOURCE: Zhurnal analiticheskoy khimii, v. 20, no. 10, 1965, 1048-1053

TOPIC TAGS: polarographic analysis, cathode polarimation, oscillograph

ABSTRACT: Curves of the dependence of the diffusion current on the polarizing step voltage, i. e., theoretical forms of oscillopolarograms, were calculated with the Minsk-11 digital computer by using A. Sevik's formula for the dimensionless current

$$I_{p} = \frac{1}{2} \sqrt{\frac{\beta}{2\pi}} \sum_{k=0}^{p-1} \frac{1}{\sqrt{p-k} \cosh [\beta (k-k_{i,j})]}; p=1, 2, 3, ..., m.$$

From the curves obtained, graphs of the dependence of the main parameters characterizing an oscillopolarogram on the magnitude of the step were plotted. The theo-

Card 1/2

L 14690-66

ACC NR: AP6005877

retical results were compared with actual oscillopolarograms of 10<sup>-3</sup> M solutions of cadmium and thallium salts and found to be in good agreement. Qualitative fractional differentiation of the oscillopolarograms increased the resolving power (to 45 mV) and sensitivity (5·10<sup>-8</sup> M) of the method of oscillographic polarography employed. Orig. art. has: 6 figures, 1 formula.

SUB CODE: 0709,10 SUBH DATE: 140ct64/ ORIG REF: 005/ OTH REF: 001

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Card 2/2

ACCESSION NR: AR4014679

S/0271/64/000/001/A008/A008

SOURCE: RZh. Avtomatika, telemekhanika i vy\*chislitel\*naya tekhnika, 1964, no. 1, Abs. 1A47

AUTHOR: Vyaselev, M. R.

TITLE: Cathode followsr with low output resistance for powering a polarograph

CITED SOURCE: Tr. Kazansk, aviats, in-ta, 1963, vy\*p. 73, 129-135

TOPIC TAGS: polarograph, cathode follower, voltammetry, polarograph circuit, polarograph power supply

TRANSLATION: A circuit is examined having a voltage transmission coefficient of almost 1 and an output impedance of a few ohms. The design and practical modification of such a circuit for use in supplying a variable-current polarograph are described. Electron tubes are used to provide an anhanced feedback in the circuit for the purpose of decreasing the internal resistance. An actual circuit for use with a 225-cycle square-wave voltage is shown. This design has many advantages over one having transformer-coupled feedback. The amplification factor of the feedback can be made much larger and it can be regulated; consequently the output Cord 1/2

ACCESSION NR: AR4014679

impedance can be made much smaller and controllable. There is no noticeable pulse distortion, and the circuit is smaller than others. Such circuits can be used to measure currents of a given alternating voltage passing through nonlinear single pairs. Orig. art. has: 7 figs. and 1 ref.

SUB CODE: GR

ENCL: 00

DATE ACQ: 19Feb64

2/2

Card

## "APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961320010-8

SHATUROV, V.S.; VYASEMFY, M.R.; MIGNATULLIN, R.Sh.

The IEM-1 device for reasuring dipole noments. Truly Eti no.73:
(MIRA 17:10)
162-183 163.

### "APPROVED FOR RELEASE: 09/01/2001

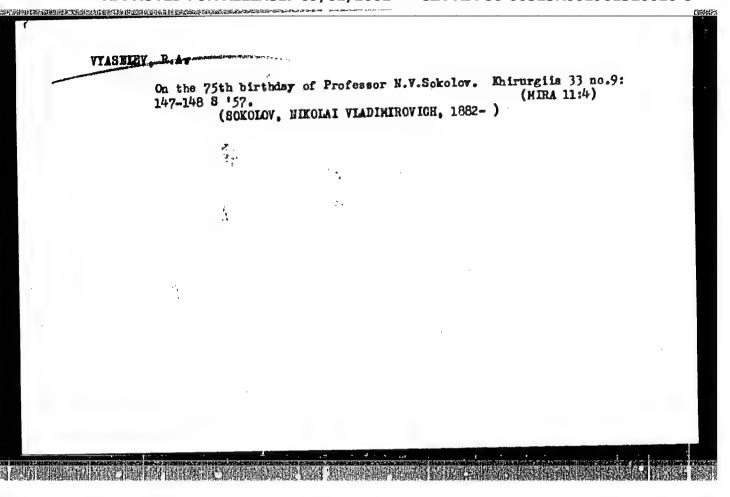
#### CIA-RDP86-00513R001961320010-8

L 39531-66 T GD/JXT(G/. ACC NR. AT6005739 SOURCE CODE: UR/2529/64/000/082/0027/0033 AUTHOR: Miroshnikov, A. I.; Vyaselov, M. R.; Belavin, V. A. ORG: none TITLE: Oscilloscopic equipment for measuring characteristics of electrochemical SOURCE: Kazan. Aviatsionnyy institut. Trudy, no. 82, 1964. Radiotekhnika i elektronika (Radio engineering and electronics), 27-33 TOPIC TAGS: electrochemical diode, polarography ABSTRACT: These characteristics of electrochemical transducers used in polarographic work can be measured by the new equipment: (1) Static I-V charact.; (2) Transient characteristic; (3) Dynamic characteristic. A block diagram of the new outfit contains: a sawtooth, triangular, and square 0.001--100cps voltage generator with a pulse rise from 1 mv/sec to 100 v/sec; a compensator (a 2-stage balanced d-c amplifier); a calibrator with its changeover switch; an oscilloscope with its amplifiers; a photo attachment. The outfit permits segregation of diffusion and capacitive currents. Nine oscillograms illustrate the performance of the outfit. Orig. art. has: 7 figures. SUB CODE: 20, 09 / SUBM DATE: 03Jul63 / ORIO REF: 002 / OTH REF: 001 Card 1/1 Amp

VYASELEV, R.A.; SOROKIN, N.M.

Some characteristics of the course of peritonitis in patients with neoplasms. Nauch. trudy Kaz. gos. med. inst. 14:399-401 164. (MIRA 18:9)

l. Kafedra gospital'noy khirurgii No.1 (zav. - dotsent R.A. Vyaselev) Kazanskogo meditsinskogo instituta.



VYASELEV, R.A., dotsent

Kazan Medical Institute on the 40th anniversary of the Tatar A.S.S.R. Kaz. med. zhur. 41 no.3:7-9 My-Je 160. (MIRA 13:9)

1. Direktor Kazanskogo meditsinskogo instituta. (KAZAN—MEDICAL COLLEGES)

# VYASELEV, R.A., dotsent

Paresis of the intestine in peritonitis and following abdominal surgery and their overall treatment with nibuphin. Kaz. med. zhur. no. 2:43-45 Mr-Ap '61. (MIRA 14:4)

l. Kafedra gospital noy khirurgii No. 1 (zav. - prof. N.V. Sokolov)
Kazanskogo meditsinskogo instituta 1 khirurgicheskoyo otdeleniye
l-y gorodskoy bol'nitsy (glavnyy vrach - Z.A. Sinyavskaya).

(PERITONITIS) (INTESTINES—DISEASES)

(PHOSPHINIC ACID)

8/194/61/000/008/057/092 D201/D304

AUTHORS:

Kochergin, S.M. and Vyaseleva, G.Ya.

TITLE:

The uniformity of metal distribution at the cathole

surface during electrolysis in an ultrasonic field

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika, no. 8, 1961, 10-11, abstract 8 E77 (Tr. Kazansk.

khim.-tekhnolog. in-ta, 1960, no. 29, 67-68)

TEXT: Copper was deposited electrolytically at a cathode, coated with a thin layer of radioactive gallium, (200 g/l CuSO<sub>4</sub>. 5H<sub>2</sub>O; 60 g/l H<sub>2</sub>SO<sub>4</sub>) at a current density of 30 mA/cm<sup>2</sup>, temperature 30 °C, the ultrasound frequency 21 kc/s, intensity ~ 6 W/cm<sup>2</sup>, exposition 20 min. The thickness of the coating thus obtained was 20 microns. The character of metal distribution and the uniformity of the dissolution of the anode were determined by the radio autography method. The results of a series of experiments show that the electrodeposition of copper at the cathode surface in an ultrasonic

Card 1/2

S/194/61/000/008/057/092 D201/D304

The uniformity of metal...

field which proceeds in the above given conditions is more uniform than in usual conditions. The dissolution of anode metal is also more uniform under the effect of US. The uniformity of metal distribution depends on the ultrasonic frequency. 6 references.

Abstracter's note: Complete translation



Card 2/2

MOCHERGIN, S.M.; TERPILOVSKIY, N.N.; VYASELEVA, G.Ya.

Effect of an ultrasonic field on gas saturation in electrolysis. Nauch.dekl.vys.shkoly; khim. i khim.tekh. no.4:779-781 '58.

1. Predstavlena kafedroy fizicheskoy khimii Kazanskogo khimiko-tekhnologicheskogo institut.

(Ultrasonic waves)

(Electrolysis)

AUTHORS:

SOV/156-58-4-43/49 Kochergin, S. M., Terpilovskiy, N. N., Vyaseleva, G. Ys.

TITLE:

The Influence Exerted by the Ultrasonic Field on the Gas Content During the Electrolysis (Vliyaniye ul'trazvukovogo polya na gazonapolneniye pri elektrolize)

PERIODICAL:

Nauchnyye doklady vysskey shkoly. Khimiya i khimicheskaya tekhnologiya, 1958, Nr 4, pp 779-781 (USSR)

ABSTRACT:

Experimental data were given on the influence exerted by ultrasenic vibrations on the gas centent during the electrolysis of  $\rm H_2SO_4$  and NaCl as well as NaCH in order to obtain  $\rm H_2O_2$ and Clo. The electrolysis indicated in table 1 was carried out

by means of specially manufactured apparatus. The modification of the electrolyte resistance factor in dependence on the gas content at the ultrasonic field was investigated. The dependence of the gas content on time under influence exerted by ultrasonics on the electrolyte was investigated. A

considerable reduction of the gas content percentage takes place in the ultrasonic field due to a decrease of the ohmic resistance during the analysis. In the course of a more extended electrolysis in the ultrasonic field the percentage of gas content

Card 1/2

SOV/156-58-4-43/49

The Influence Exerted by the Ultrasonic Field or the Gas Content Daring the Electrolysis

becomes constant. In order to obtain hydrogen and chlorine by application of ultrascnice a decrease in electric power

consumption takes place.

There are 4 figures and 10 references, 8 of which are Soviet.

ASSOCIATION: Kafedra fizicheskoy khimii Kazanskogo khimiko-tekhnologiches-

kogo instituta (Chair of Physical Chemistry at the Kezan

Chemico-Technological Institute)

SUBMITTED: May 31, 1958

Card 2/2

THE TENEDRAL PROPERTY OF THE PERSON OF THE P

8/137/61/000/007/008/072 A06J/A101

AUTHORS:

Kochergin, S. M.; Vyaseleva, G. Ya.

TITLE:

On the uniformity of metal distribution upon the cathode surface

under electrolysis in an ultrasonic field

PERIODICAL:

Referativnyy zhurnal, Metallurgiya, no. 7, 1961, 21, abstract 70148

("Tr. Kazansk. khim.-tekhnol. in-ta", 1960, no. 29, 67-68)

TEXT: The radioautograph method was used to investigate the character of metal distribution on the cathode and the uniformity of anode solution for Cu electrolysis while the electrolyzer was irradiated with ultrasound. The electrolyte contained 200 g/l CuSO<sub>h</sub> · 5H<sub>2</sub>O and 60 g/l H<sub>2</sub>SO<sub>h</sub>. The electrolysis proceeded at a current density D of 30 ma/om<sup>2</sup> and temperature of 30 °C. The ultrasonic frequency was 21 KCps, power abt. 6 w/cm<sup>2</sup>. The electrolytic Cu deposited on a cathode previously covered by a thin layer of radioactive Tl. After 20 min of electrolysis radioautographs were taken. Under the conditions indicated the ultrasonic field promotes the uniform distribution of metal on the cathode surface and the uniformity of anode solution. The frequency of the ultrasound affects the uniformity of the metal distribution.

[Abstracter's note: Complete translation]

N. Pleteneva

KOCHERGIN, S.M.; TERPILOVSKIY, N.N.; VYASELEVA, G.Ya. (Kazan')

Anodic dissolution of copper in an ultrasonic field. Zmur. fiz. khim. 35 no. 4:917-919 Ap '61. (MIRA 14:5)

1. Kazanskiy khimiko-tekhnologicheskiy institut im. S.M. Kirova, kafedra fizicheskoy i kolloidnoy khimii. (Copper) (Ultrasonic waves)

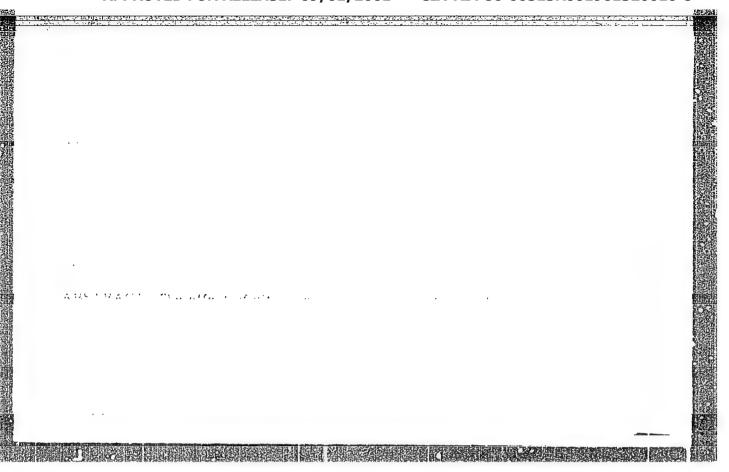
KOCHERGIII, S.M.; VYASELEVA, G.Ya.; INMAYLOV, A.B., dektor tekkn. nauk, retsenzent; DANILOVA, V.V., red.

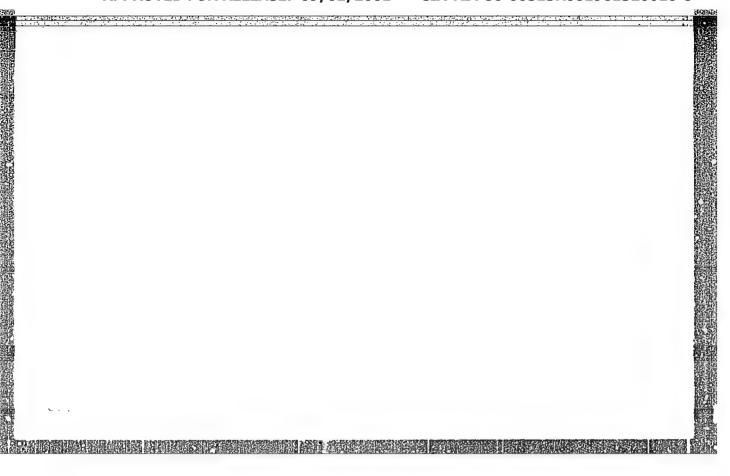
[Electrodeposition of metals in ultrasonic fields] Elektroosazhdenie metallov v ul'trazvukovom pole. Moskva, Vysshaia shkola, 1964. 110 p. (MIRA 18:1)

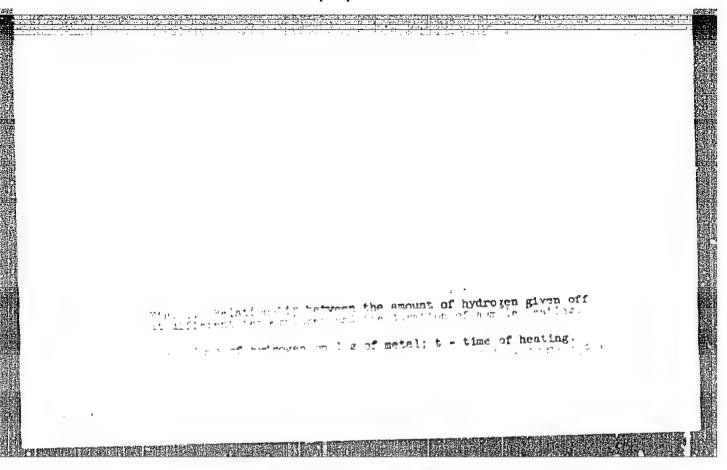
KOCHERGIN, S.M.; VYASELEVA, G.Ya. (Kazan')

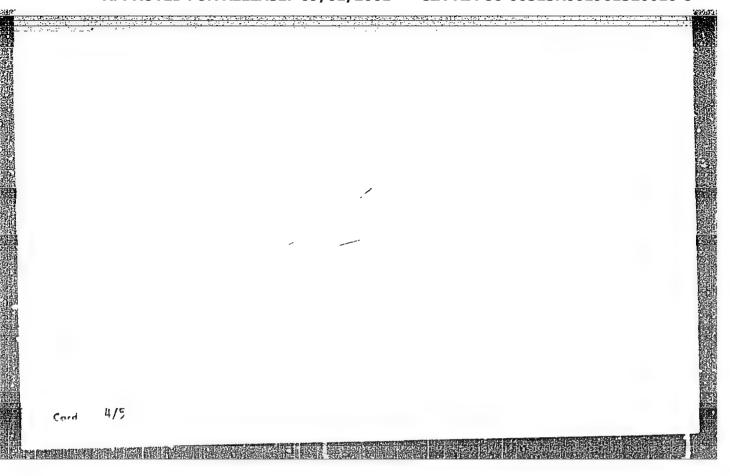
Structure and properties of electrolytic deposits of nickel obtained in the ultrasonic field. Zhur. fiz. khim. 38 no.4:839-844 Ap '64. (MIRA 17:6)

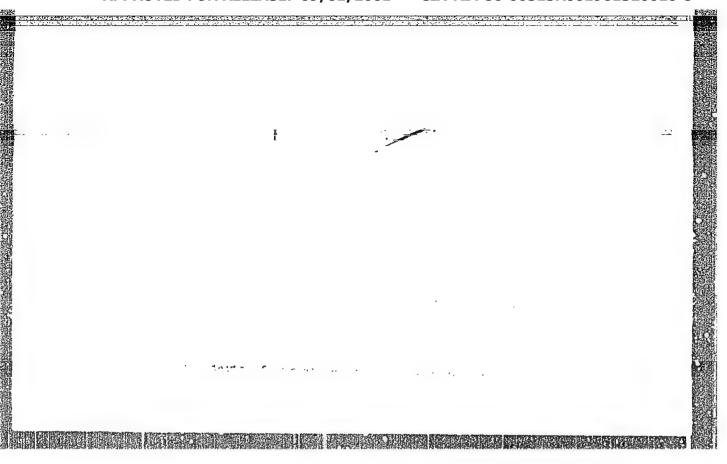
1. Kazanskiy khimiko-tekhnologicheskiy institut imeni S.H. Kirova.











VYASELEVA, S. M		222785	8 6 g	8 1	I	885	4	Charter of the Control of the Contro		
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26648 Mikroflora razlichnykh form i zon vospaleniya pul'py. Storatologiya, 1949, No. 3, s. 11-17 Bibliogt: 9 Nazv.

S0: Letopis' No. 35, 1949

WYASELEVA, S. M.

"Variability of the Diphtheria Racillus Under the Influence of Antibiotics",

Zhur Mikrobiol, Epidemiol, i Immunobiol, No., 2, pp 18-19, 1950.

"Applicati S. M. Vyas bekova, Ch Inst and H "Khirurgia Nycetin is cording resulting resulting resulting to and slowl Mycetin e phylococc cilli of gram-neg of a stri scribed
"Application of Mycetin in Surgical Practice," S. K. Vynseleva, T. A. Danilova, Sh. Kh. Bay- bekova, Chair of Microbiol, Kazan' Stomatol Inst and Hosp Surg Clinic, Kazan' Med Inst  "Khirurgiya" No 10, pp 75-78  "Khirurgiya" No 10, pp 75-78  "Khirurgiya" No 10, pp 75-78  "Krasil'nikov's method gave encourag- cording to Krasil'nikov's method gave encourag- cording to Krasil'nikov and trophic tumors.  192774  USSR/Medicine - Antibiotics (Contd)  USSR/Medicine - Antibiotics (Contd)  USSR/Medicine - Antibiotics (Contd)  Oct 51  Strain of Actinomyces violaceum was de- or a strain of Actinomyces violaceum was de-

VYASRIEVA, S.M.; DANILOVA, T.A.

Effect of penicillin on changes of Treponess pallidum in culture. Vest. vener., Moskva No.1:34-36 Jan-Feb 52. (CIML 21:4)

1. Of the Department of Microbiology of Kazan' Medical Stomatological

## VYASELEVA, S.M.

Cultivating Treponema pallidum on the surface of solid mutritive media. Vest.ven. 1 derm. no.3:59 My-Je '53. (MLRA 6:7)

AND THE PROPERTY OF THE PROPER

1. Kafedra mikrobiologii Kasanskogo gosudarstvennogo instituta dlya usovershenstvovaniya vrachey.

(Treponema) (Bacteriology--Cultures and culture media)

VYASELEVA, S.M.; DANILOVA, T.A.

Effect of antitoxic serum and bacteriophage upon the Corynebacterium diphtheriae; author's abstract. Zhur.mikrobiol.epid.i immun. no.4:34 ip 153.

1. Kafedra mikrobiologii Kazanskogo meditsinskogo stomatologicheskogo instituta. (Diphtheria) (Toxins and antitoxins) (Bacteriophagy)

### "APPROVED FOR RELEASE: 09/01/2001

#### CIA-RDP86-00513R001961320010-8

VYASELEVA, S.M.

Cultivating Treponema pallidum on the surface of solid culture media. Zhur.mikrobiol.epid.i immun. no.12:55 D 53. (MEM 7:1)

1. Iz kafedry mikrobiologii (zavednyushchiy - dotzent N.N.Spasskiy)
Kazanskogo gosudarstvennogo instituta usovershenstvovaniya vrachey.
(Treponema pallidum) (Bacteriology--Cultures and culture media)

THE PROPERTY OF THE PROPERTY O

VYASELEVI. S. E.

"Effect of Various Penicillin Preparations on Traponema pallidum." Dr Med Sci, Central Inst for the Advanced Training of Physicians, Min Health USSE, Moscow, 1955 (KL, No 8, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Discertations Defended at USSR Higher Educational Institutions (14)

THE STATE ST

VYASELEVA, S.M.; USTIMENKO, L.M.

Obtaining of Treponema pallidum L-forms under the effect of sers from syphilis patients. Zhur. mikrobiol., epid. i immun. 41 no.12: 104-109 D '64. (MIR' 18:3)

l. Kazanskiy institut usovershenstvovaniya vrachey imeni Lenina i Institut epidemiologii i mikrobiologii imeni Gamalei AMI SSSR.

VYASELEVA, S.M.; IGNAT'YEVA, O.A.

Pigment variations of diphtheria bacilli. Zhur. mikrobiol. epid. i immun. 31 no.3:58-62 Mr 160. (MIRA 14:6)

1. Iz kafedry mikrobiologii Kazanskogo instituta usovershenstvovaniyavrachey imeni V.I.Lenina. (CORYNEBACTERIUM DIPHTHERIAE)

USSR/Microbiology - Antibiosis and Symbiosis. Antibiotics.

F-2

Abs Jour

Ref Zhur - Biol., No 12, 1958, 52774

Author

Vyascleva, S.M.

Inst Title : Effect of Different Penicillin Preparations on Treponera Pallidum. Report I. Effect of Pericillin on Cultural

Treponema Pallidum.

Orig Pub

: Zh. midrobiol., epidemiol. i immunobiologii, 1957, No 4,

106-109.

Abstract

: In short-time action the cessation of treponema motion and the change in their corphology was caused only by high concentrations of various penicillin preparations. Partial immobilization occurred at a concentration of 5825 units of the amorphous, 12,725 units of crystalline penicillin per ml. A weaker action was noted in an imported crystalline penicillin. Although treponera lost motility, they retained their viability. In long-time action the

Card 1/2

USSR/Microbiology - Autibiosis and Symbiosis. Antibiotics.

Ref Zhur - Biol., No 12, 1953, 52775 Abs Jour

> of treponerm changed but little, except for strain V. The sensitivity of treponeme to penicillin following transfer underwent practically no change. -- T.P. Vertogradova

Card 2/2

CIA-RDP86-00513R001961320010-8" APPROVED FOR RELEASE: 09/01/2001

VYASELEVA, S.H.

Effect of various penicillin preparations on Treponema pallidum.

Report No.3: Effect of penicillin on tissue Treponema. Zhur.mikrobiol.

epid. i immun. 29 no.7:47-53 Jl \*58 (MIRA 11:8)

l. Iz TSentral'nogo instituta usovershenstvovaniya vrachey, TSentral' nogo kozhno-venerologicheskogo instituta i Kazanskogo instituta uso-vershenstvovaniya vrachey imeni Lenina.

(TEMPONEMA PALLIDUM, effect of drugs on, penicillin (Rus))
(PENICILLIN, effects, on Treponema pallidum (Rus))

## VYASELEVA, S.H.

Effect of various penicillin preparations on Traponema pallidum.
Report No.4:Effect of penicillin on Traponema in human syphilis
and dynamics of the penicillin content of clood and urine. Zhur.
mikrobiol.epid. i immun. 29 no.7:54 Jl'58. (MIRA 11:8)

1. Iz TSentral'nogo instituta usovershenstvovaniya vrachey, TSentral' nogo kozhnovenerologicheskogo instituta i Kazanskogo instituta usoverhsenstvovaniya vrachey imeni Lenina.

(SYPHILIS, therapy,
penicillin, eff. on Treponema & blood & urine content
(Rus))
(PENICILLIN, ther. use.,
syphilis, eff. on Treponema & blood & urine content
(Rus))

USSR/Virology - Human and Animal Viruses.

: Ref Zhur Biol., No 1, 1959, 560 Abs Jour

: Vyaseleva, S.M. Author

Inst

: Etiology and Laboratory Basis of Grippe Diagnosis. Title

Orig Pub : Kazansk. med. zh., 1957, No 2-3, 87-94

Abstract : No abstract.

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# YYASELEVA, SARA MUKHAMEDZHANOVNA

VYASELEVA, Sara Mukhamedzhanovna

VYASELEYA, Sara Mukhamedzhanovna (Kazan' State Inst for the Advanced Training of Physicians imeni Lenin, Academic Degree of Doctor of Medical Sciences, based on her defense, 8 March 1955, in the Council of the Central Inst for the Advanced Training of Physicians, of her dissertation entitled: "The effect of various penicillin preparations in Treponema Pallidum." For the Academic Degree of Doctor of Sciences.

SO: Byulleten' Ministerstva, Vysshego Obrazovaniya SSSR, List No 20, 8 October 1955, Decision of Higher Certification Commission Concerning Academic Degrees and Titles.

Vyaseleva, S.M.

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Effects of various penicillin preparations on Treconema pellidum. Report No.2. Morphological changes of Treconema pellidum and experiments of its adaptation to penicillin. Zhur.mikrobiol.epid. 1 immun. 28 nc.4:109-115 Ap 157. (MIRA 10:10)

1. Iz kafedry mikrobiologii TSentral'nogo instituta usovershenstvovaniya vrachey i kafedry mikrobiologii Kazanskogo instituta usovershenotvovaniya vrachey imeni V.I.Lenina. (TRZPONEMA PALLIDUM, eff. of drugs on

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on Treponema pallidum, morphol. changes & adaptation to)

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